

May 12th, 1954  
General Delivery  
Wailuku, Maui  
Territory of Hawaii  
U.S.A.

Dr. J. L. Pawsey  
Division of Radiophysics  
University Grounds  
Sydney, N.S.W.

Dear Pawsey:

Thanks for your letter of the 5th. I am happy to learn that you will be coming here and will be pleased to show you my installation and discuss the results. Maui is one of the outer islands which is reached by local plane. A sample timetable is enclosed. You will probably arrive in Honolulu some afternoon or evening. I would suggest that you stay at the Moana hotel or Surfrider Hotel. The following morning you can come over here by the first plane such as flight 50. I will meet you at the Kahului airport. We can spend the day together and then I can put you back on one of the later flights such as 53. One more night in Honolulu and you can be on your way the following morning. If you have some extra time you may wish to stay an extra day or so in Honolulu. When you get to the states I can send you a later edition of the time table and you can select which plane and which day will be most suitable for you.

Since Mills was here I have gotten some results at 50mc which is a bit better than at 30mc. Now the interference pattern is so fast that it is usually more rapid than the fluctuations. This is a peculiar state of affairs and is beginning to shed new light on the matter.

In regard to the long wave business, I think you are right in that a series of atmospheric records should be analysed as a starting point. However any old atmospherics will not do. The recordings should be made at the right place, at the right time and with the right equipment. To this end, I expect to leave here shortly after you do and spend a year in Tasmania to get data. Mr. G. R. Ellis of the ionospheric prediction service has offered to provide a field station and some assistance.

Hope to see you next October, Best regards,

Grote Reber